

Title (en)
Vehicle seat assembly with pour-in-place foam body.

Title (de)
Fahrzeugsitz mit hintergeschäumtem Formkörper.

Title (fr)
Siège de véhicule avec un corps en mousse coulé in situ.

Publication
EP 0347115 A2 19891220 (EN)

Application
EP 89305840 A 19890609

Priority
US 20592988 A 19880613

Abstract (en)
A method of manufacturing a portion of a seat is disclosed. A cover member is shaped to a predetermined shape and placed in a foam molding tool into which is injected an expandable liquid foaming material to mold a foam pad which is integrally bonded to the cover member. In the manufacturing of seat backs, the cover member consists of a tubular envelope cover positioned on a cantilever forming tool. Once the foam pad is molded, the cover member is turned inside out to enclose the foam pad with the cover member. The cover is then telescoped over a seat frame. Alternatively, the foam pad can be molded to a shaped fabric sheet, the envelope cover formed by sewing a second cover member to the fabric sheet. A seat cushion is made by shaping a cover member, placing the cover member in a foam molding tool which also holds the seat frame and injecting an expandable liquid foaming material into the mold to mold the foam cushion, bond the cushion to the cover and embed the seat frame in the foam. The edges of the cover are then wrapped around the side of the foam pad and attached to the frame. Alternatively, a side panel can be sewn to the cover and attached to the frame.

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B29C 67/22; B29L 31/58; B68G 7/00

IPC 8 full level
B68G 7/00 (2006.01); **B29C 39/10** (2006.01); **B29C 44/12** (2006.01); **B29C 44/14** (2006.01); **B60N 2/58** (2006.01); **B68G 7/00** (2006.01); **B29K 105/04** (2006.01); **B29L 31/58** (2006.01)

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Cited by
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EP 0347115 A2 19891220; EP 0347115 A3 19900418; EP 0347115 B1 19920923; AT E80830 T1 19921015; CA 1326746 C 19940208; DE 68902955 D1 19921029; DE 68902955 T2 19930304; ES 2031052 T1 19921201; ES 2031052 T3 19930401; JP H02111391 A 19900424; JP H0613070 B2 19940223; KR 910000417 A 19910129; KR 960012609 B1 19960923; MX 167473 B 19930324; US 4860415 A 19890829

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